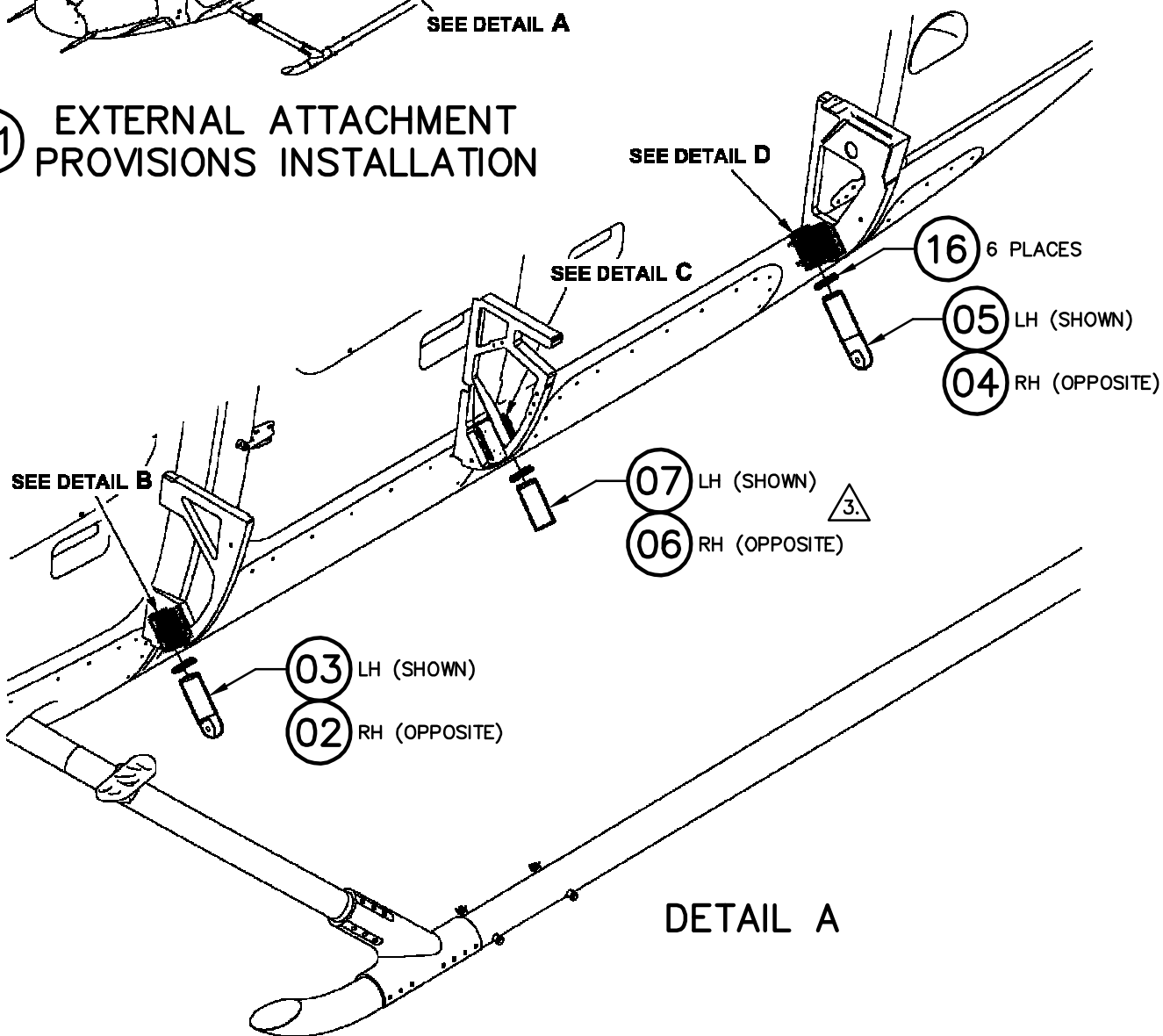


# 01 EXTERNAL ATTACHMENT PROVISIONS INSTALLATION



THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.

APPROVALS	DATE
DRAWN: JEFF CLARKE	25 JAN 2014
CHECKED: JASON REKVE	29 JAN 2014
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:	
DECIMALS	ANGLES
X.XXX ±0.010	±1/2°
X.XX ±0.03	
X.X ±0.1	

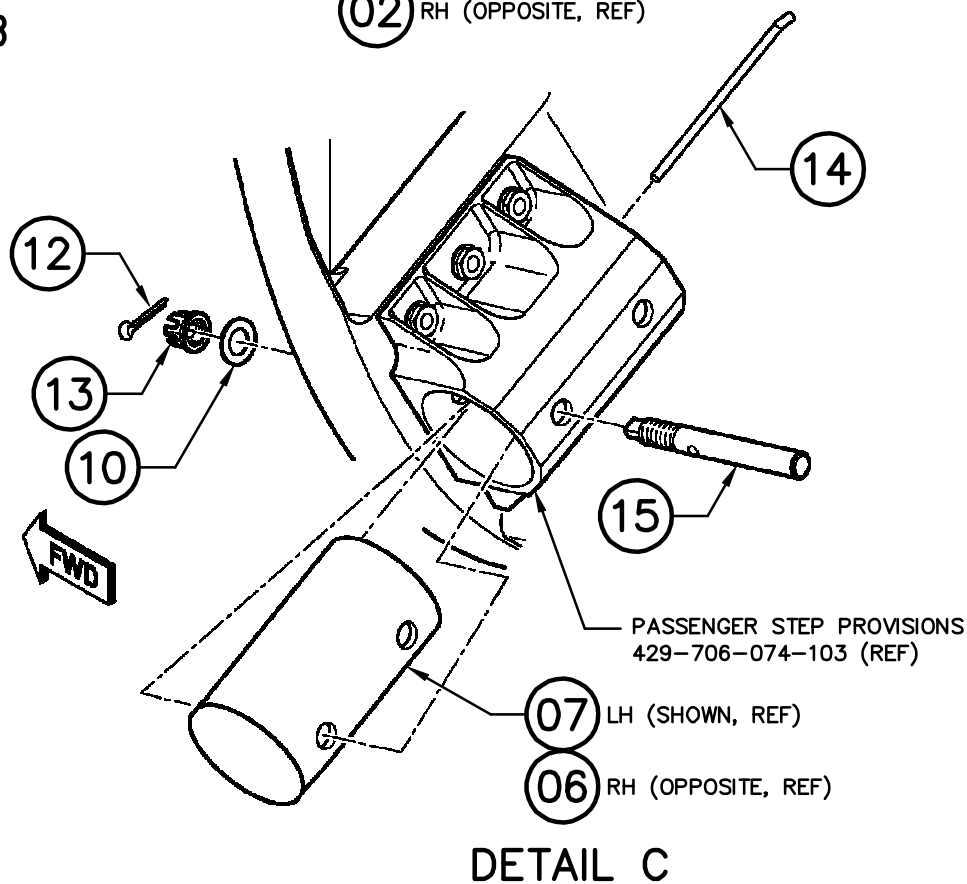
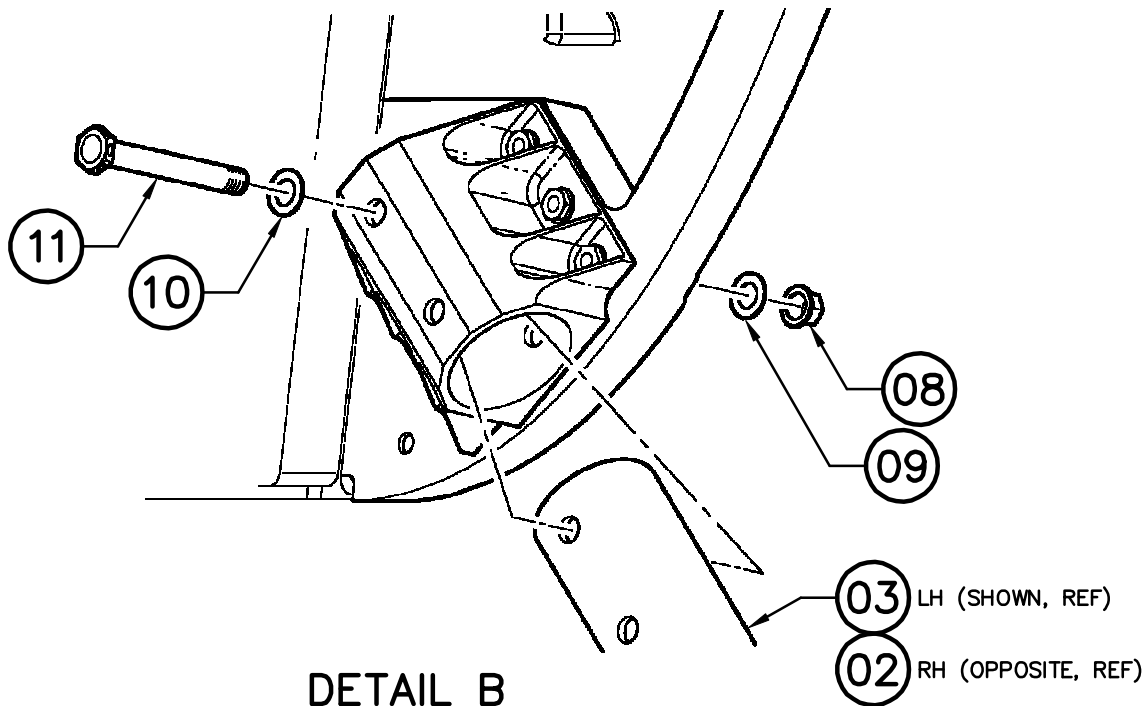


**AERO DESIGN LTD.**

9888A MALASPINA ROAD  
POWELL RIVER, BC, CANADA, V8A 0G3  
TEL: 604.483.2376 [www.aerodesign.ca](http://www.aerodesign.ca)

BELL 429 – S/N 57081 & SUB.  
QUICK RELEASE CARGO BASKET  
EXTERNAL ATTACHMENT PROVISIONS INSTALLATION

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.	
SHEET 1 OF 4	A4	95907	0	



THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.

APPROVALS	DATE
DRAWN: JEFF CLARKE	25 JAN 2014
CHECKED: JASON REKVE	29 JAN 2014

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ON:  
DECIMALS ANGLES  
X.XXX  $\pm 0.010$   $\pm 1/2^\circ$   
X.XX  $\pm 0.03$   
X.X  $\pm 0.1$

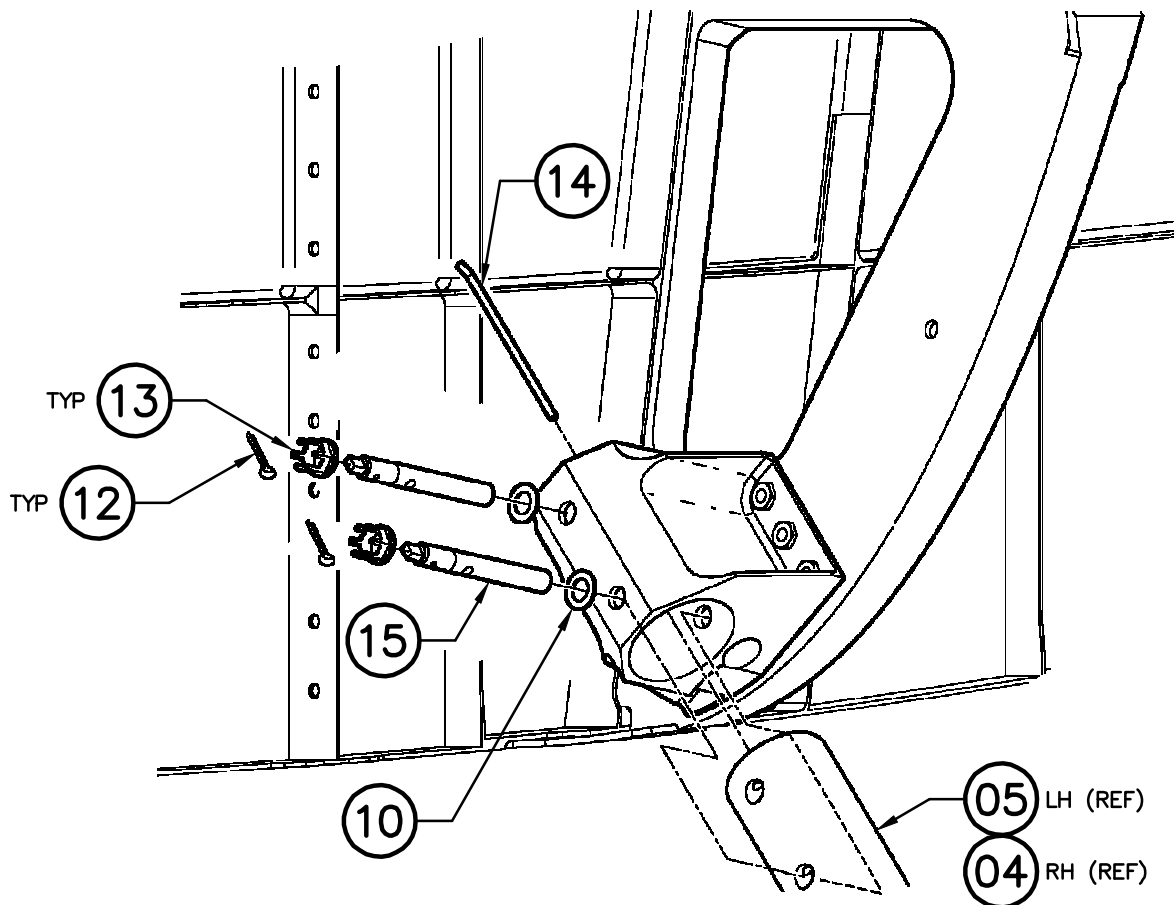


**AERO DESIGN LTD.**

9888A MALASPINA ROAD  
POWELL RIVER, BC, CANADA, V8A 0G3  
TEL: 604.483.2376 [www.aerodesign.ca](http://www.aerodesign.ca)


BELL 429 - S/N 57081 & SUB.  
QUICK RELEASE CARGO BASKET  
EXTERNAL ATTACHMENT PROVISIONS INSTALLATION

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 2 OF 4	A4	95907	0



DETAIL D

A/R	C-307	17	ADHESIVE	299-947-152 TYPE 1 CLASS 2		
6	120-205-2	16	SEAL	BELL HELICOPTER		
8	429-706-074-115	15	STUD	BELL HELICOPTER		
4	429-706-074-119	14	SHEAR PIN	BELL HELICOPTER		
8	MS14144L5	13	NUT			
8	MS24665-132	12	COTTER PIN			
4	NAS6605L32	11	BOLT			
12	NAS1149D0532J	10	WASHER			
4	NAS1149D0563J	09	WASHER			
4	MS21042L5	08	NUT			
1	95940-06	07	CENTRE LH PLUG			
1	95940-05	06	CENTRE RH PLUG			
1	95940-04	05	AFT LH LUG			
1	95940-03	04	AFT RH LUG			
1	95940-02	03	FORWARD LH LUG			
1	95940-01	02	FORWARD RH LUG			
1	95907-01	01	EXTERNAL ATTACHMENT PROVISIONS INSTALLATION			
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY	LIST OF MATERIALS					

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.	APPROVALS		DATE			<div>AERO DESIGN LTD.</div> <div>9888A MALASPINA ROAD</div> <div>POWELL RIVER, BC, CANADA, V8A 0G3</div> <div>TEL: 604.483.2376 <a href="http://www.aerodesign.ca">www.aerodesign.ca</a></div>			
	DRAWN: JEFF CLARKE		25 JAN 2014						
	CHECKED: JASON REKVE		29 JAN 2014						
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS								

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		

# NOTES


1. THIS INSTALLATION IS APPLICABLE TO BELL 429 S/N 57081 AND SUBSEQUENT.  
FOR ATTACHMENT PROVISIONS INSTALLATION ON S/N 57080 AND PREVIOUS, REFER TO DRAWING 95902.
2. PASSENGER STEP PROVISIONS 429-706-074-103 (MID) AND 429-706-074-107 (FORWARD AND AFT)  
MUST BE INSTALLED PRIOR TO THIS INSTALLATION.
3. CABIN STEP 429-030-136-101 AND -102 MUST BE REMOVED FROM BOTH SIDES PRIOR TO THIS INSTALLATION.  
REFER TO MAINTENANCE MANUAL BHT-429-MM-1, SECTION 32-57. RETAIN HARDWARE FOR USE WITH THIS  
INSTALLATION AS APPLICABLE. CENTRE POSITION IS NOT USED AND IS PLUGGED WITH ITEM 06/07.
4. TORQUE 5/16" FASTENERS TO 60-85 INCH-POUNDS (6.8-9.6 Nm).
5. REFER TO INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA959.91 FOR DETAILED INSTALLATION INSTRUCTIONS.

## WEIGHT AND BALANCE – METRIC

ITEM	DESCRIPTION	WEIGHT (kg)	LONGITUDINAL		LATERAL	
			ARM (mm)	MOMENT (mm-kg)	ARM (mm)	MOMENT (mm-kg)
06/07	CENTRE PLUG (RH/LH)	0.27	5113.0	1392	0.0	0.0
04/05	AFT LUG (RH/LH)	0.59	6024.9	3553	0.0	0.0
02/03	FORWARD LUG (RH/LH)	0.36	4125.0	1497	0.0	0.0
01	EXTERNAL ATTACHMENT PROVISIONS INSTALLATION (TOTAL)	1.22	5259.3	6441	0.0	0.0
	REMOVE EXISTING CABIN STEPS (429-030-136-101 / -102)	-4.99	5115.6	-25524	0.0	0.0

## WEIGHT AND BALANCE – STANDARD

ITEM	DESCRIPTION	WEIGHT (LB)	LONGITUDINAL		LATERAL	
			ARM (IN)	MOMENT (LB-IN)	ARM (IN)	MOMENT (LB-IN)
06/07	CENTRE PLUG (RH/LH)	0.6	201.3	120.8	0.0	0.0
04/05	AFT LUG (RH/LH)	1.3	237.2	308.4	0.0	0.0
02/03	FORWARD LUG (RH/LH)	0.8	162.4	129.9	0.0	0.0
01	EXTERNAL ATTACHMENT PROVISIONS INSTALLATION (TOTAL)	2.7	207.1	559.1	0.0	0.0
	REMOVE EXISTING CABIN STEPS (429-030-136-101 / -102)	-11.0	201.4	-2215.4	0.0	0.0

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREIN.	APPROVALS		DATE			<b>AERO DESIGN LTD.</b>			
	DRAWN: JEFF CLARKE		25 JAN 2014			9888A MALASPINA ROAD			
	CHECKED: JASON REKVE		29 JAN 2014			POWELL RIVER, BC, CANADA, V8A 0G3			
					TEL: 604.483.2376				
					www.aerodesign.ca				
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		BELL 429 – S/N 57081 & SUB. QUICK RELEASE CARGO BASKET EXTERNAL ATTACHMENT PROVISIONS INSTALLATION					
		DECIMALS		ANGLES					
		X.XXX ±0.010		±1/2°					
		X.XX ±0.03							
		X.X ±0.1							
				SCALE 1 : 1		DWG. SIZE		DWG. NO.	
				SHEET 4 OF 4		A4		95907	
								REV.	
								0	